

Figure 1

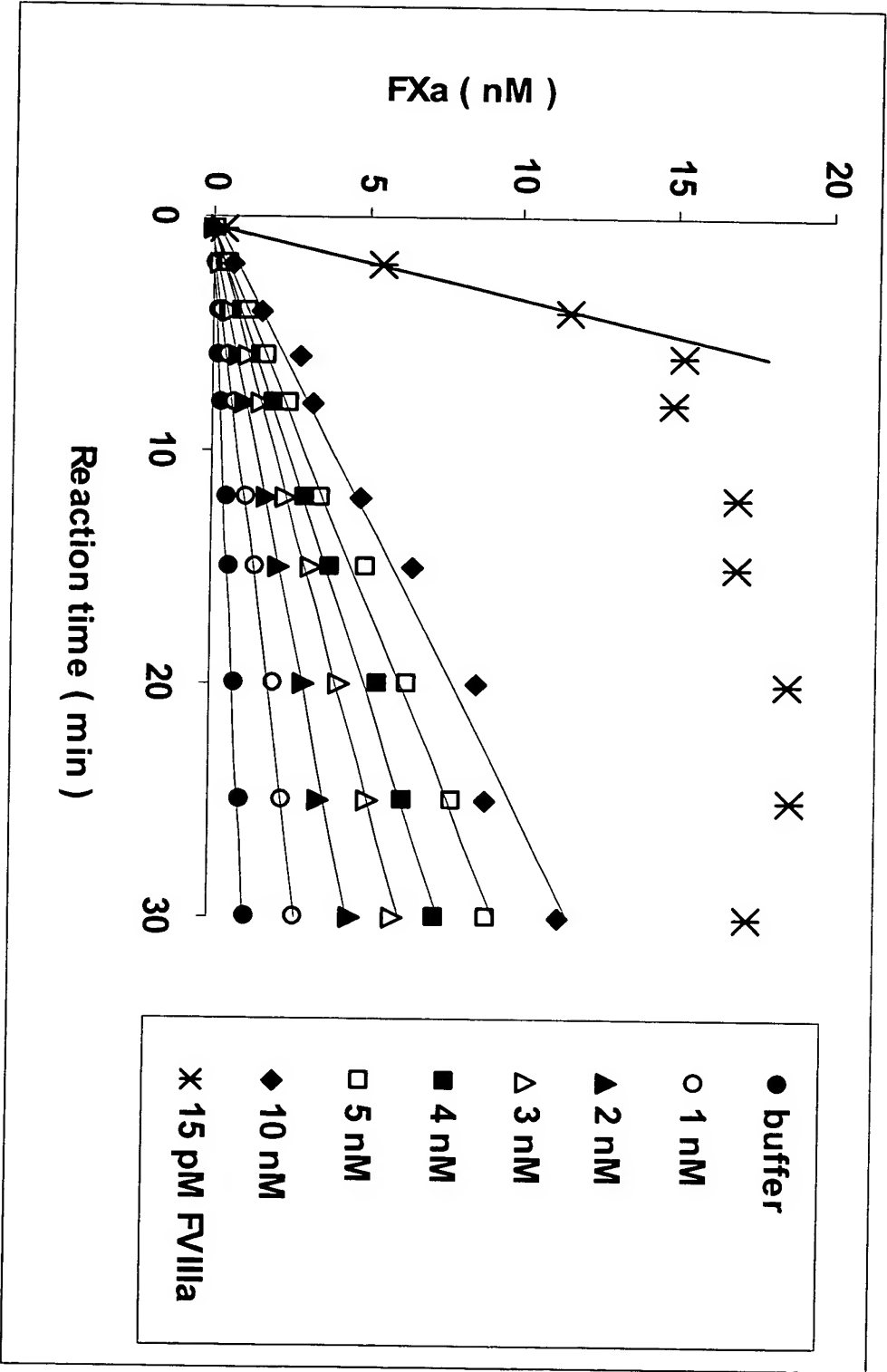


Figure 2a:

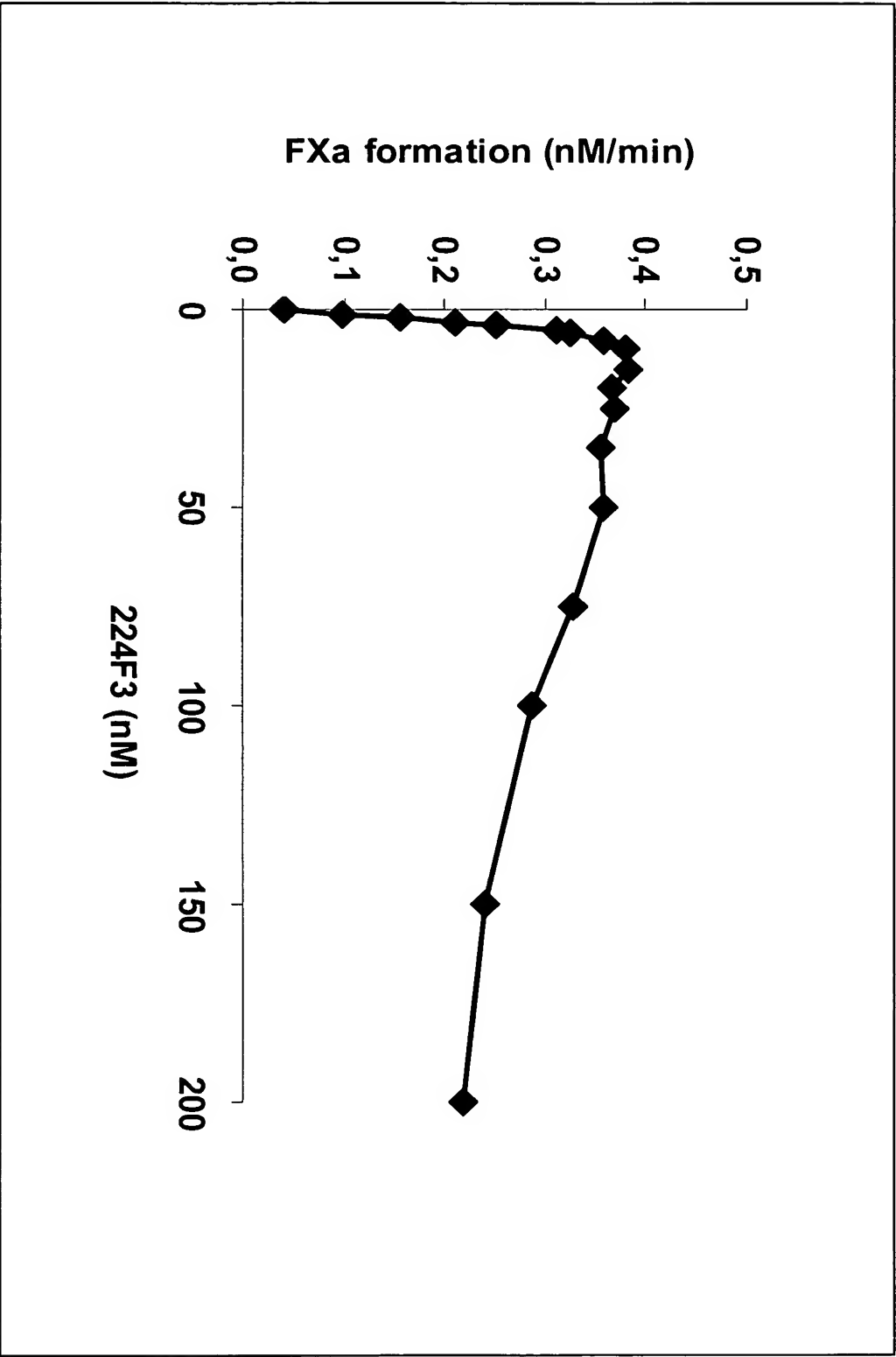


Figure 2b:

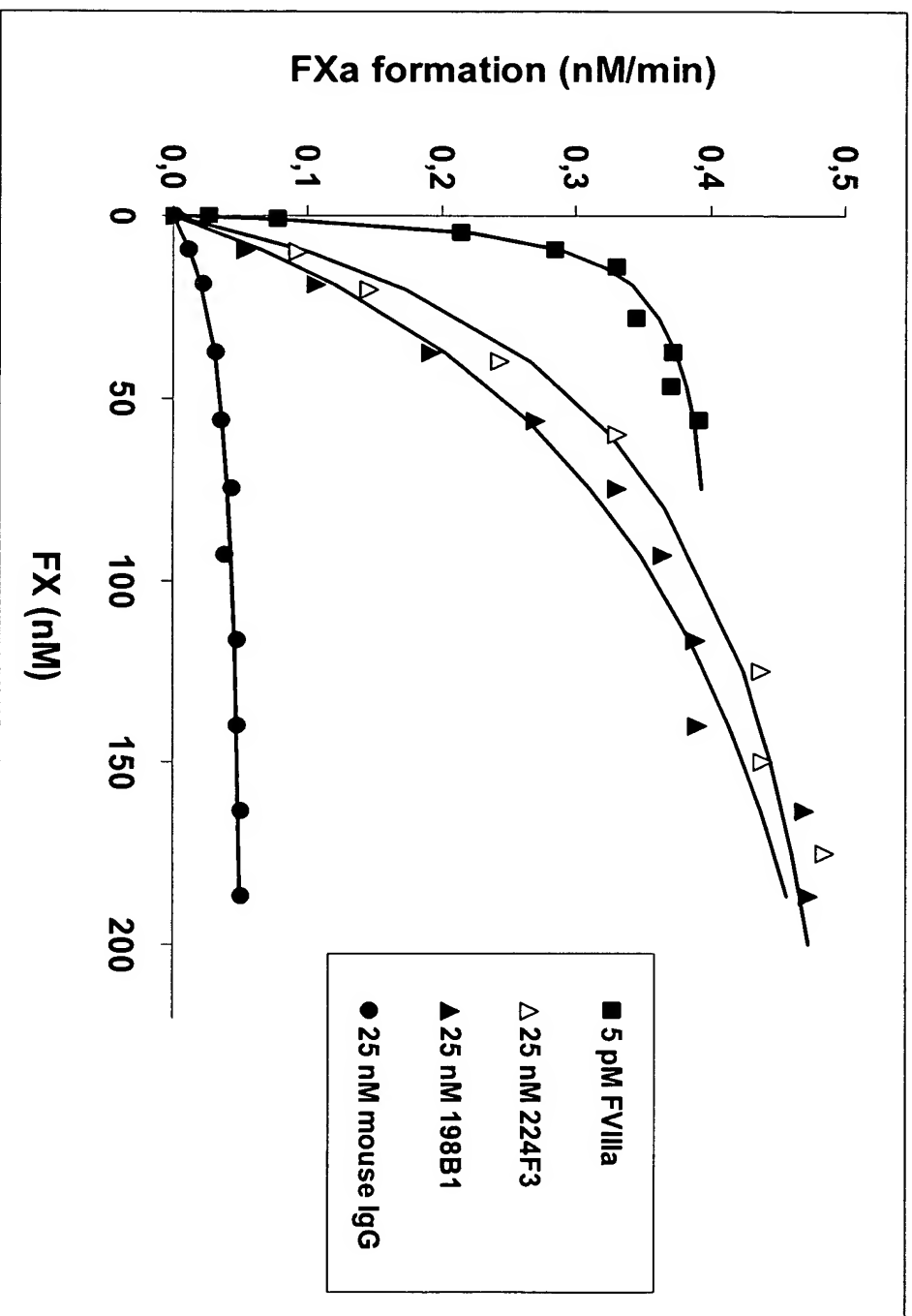


Figure 3

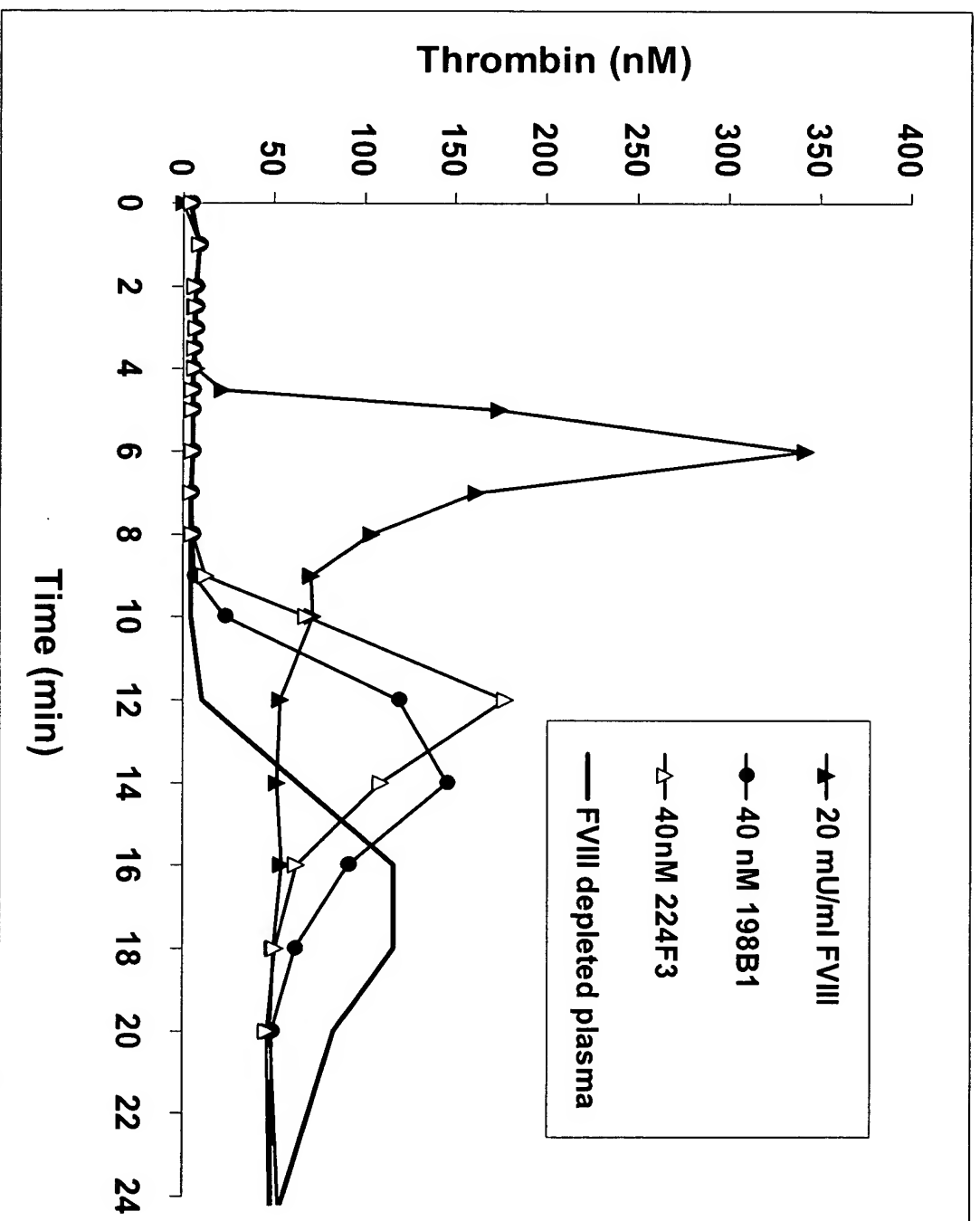
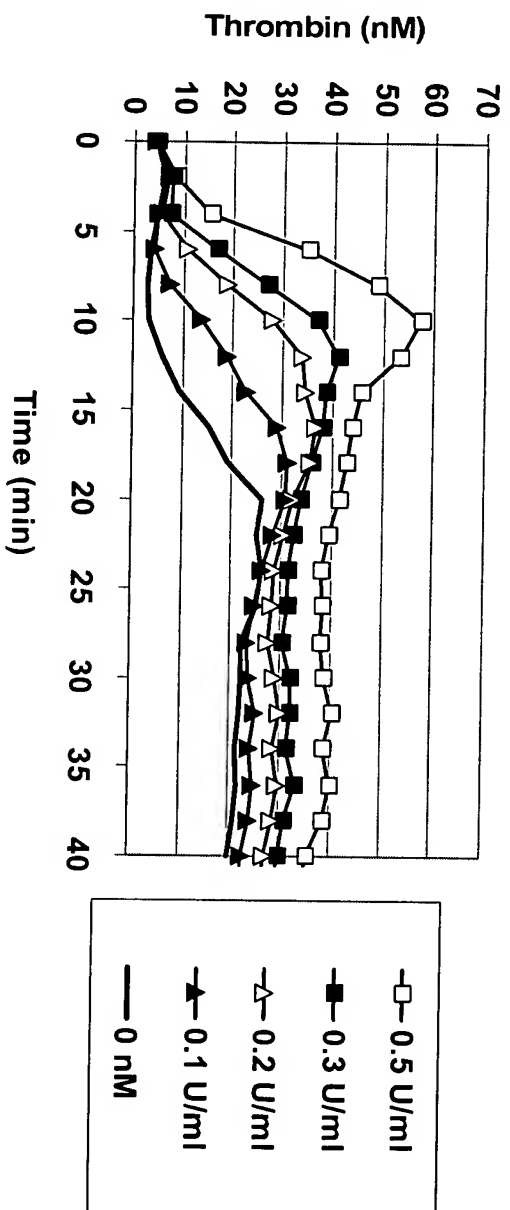


Figure 4:

FEIBA titration



antibody 224F3

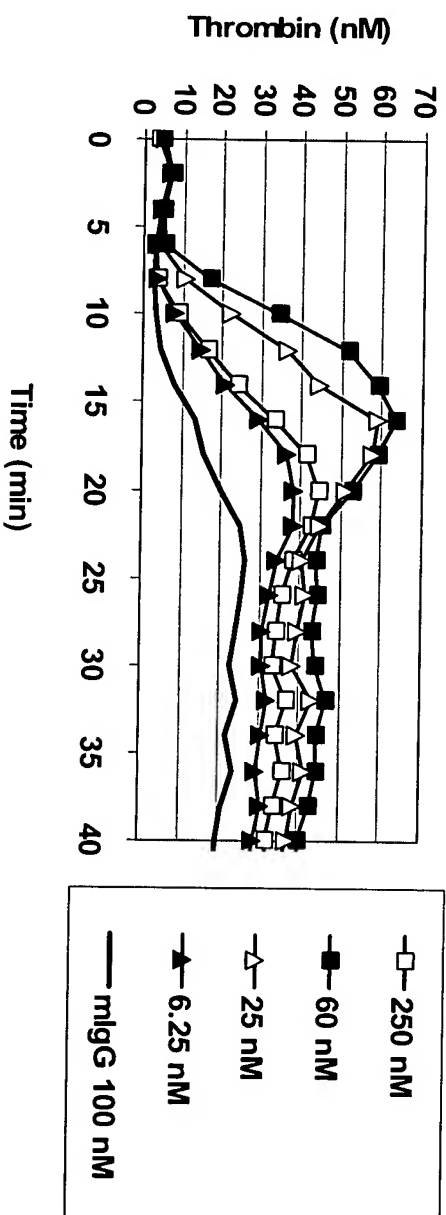


Figure 5:

1	Q	V	Q	M	Q	Q	S	G	A	E	L	V	K	P	G
	CAG	GTT	CAG	ATG	CAG	CAG	TCT	GGG	GCT	GAA	CTG	GTA	AAG	CCT	GGG
46	A	S	V	K	L	S	C	K	A	S	G	Y	T	F	T
	GCT	TCA	GTG	AAG	TTG	TCC	TGC	AAG	GCT	TCT	GGC	TAC	ACC	TTC	ACA
91	S	Q	D	I	N	W	V	R	Q	R	P	E	Q	G	L
	AGC	CAA	GAT	ATA	AAC	TGG	GTG	AGG	CAG	AGG	CCT	GAA	CAG	GGA	CTT
136	E	W	I	G	W	I	F	P	G	D	G	S	T	K	Y
	GAG	TGG	ATT	GGA	TGG	ATT	TTT	CCT	GGA	GAT	GGT	AGT	ACA	AAG	TAC
181	N	E	K	L	K	G	K	A	T	L	T	T	D	K	S
	AAT	GAG	AAG	TTG	AAG	GGC	AAG	GCG	ACA	CTG	ACT	ACA	GAC	AAA	TCC
226	S	S	T	A	F	M	Q	L	S	R	L	T	S	E	D
	TCC	AGC	ACA	GCC	TTC	ATG	CAG	CTC	AGC	AGG	CTG	ACA	TCT	GAG	GAC
271	S	A	V	Y	F	C	A	R	S	A	Y	Y	R	Y	D
	TCT	GCT	GTC	TAT	TTC	TGT	GCA	AGA	TCC	GCC	TAC	TAT	CGG	TAC	GAC
316	G	S	Y	Y	Y	A	M	D	Y	W	G	Q	G	T	S
	GGG	TCC	TAT	TAC	TAT	GCT	ATG	GAC	TAC	TGG	GGT	CAA	GGA	ACC	TCA
361	V	T	V	S	S										
	GTC	ACC	GTC	TCC	TCA										

FIGURE 6

1	Q	I	V	L	T	Q	S	P	A	I	M	S	A	S	L
	CAA	ATT	GTT	CTC	ACC	CAG	TCT	CCA	GCA	ATC	ATG	TCT	GCA	TCT	CTA
46	G	E	E	I	T	L	T	C	S	A	S	S	S	V	S
	GGG	GAG	GAG	ATC	ACC	CTA	ACC	TGC	AGT	GCC	AGC	TCA	AGT	GTA	AGT
91	Y	M	L	W	Y	Q	Q	K	S	G	T	S	P	K	L
	TAC	ATG	CTC	TGG	TAC	CAG	CAG	AAG	TCA	GGC	ACT	TCT	CCC	AAA	CTC
136	L	I	Y	T	T	S	N	L	A	S	G	V	P	S	R
	TTG	ATT	TAT	ACC	ACA	TCC	AAC	CTG	GCT	TCT	GGA	GTC	CCT	TCT	CGC
181	F	S	G	T	G	S	G	T	F	Y	S	L	T	I	S
	TTC	AGT	GGC	ACT	GGG	TCT	GGG	ACC	TTT	TAT	TCT	CTC	ACA	ATC	AGC
226	S	V	E	A	E	D	A	A	D	Y	Y	C	H	Q	W
	AGT	GTG	GAG	GCT	GAA	GAT	GCT	GCC	GAT	TAT	TAC	TGC	CAT	CAG	TGG
271	S	S	Y	P	R	T	F	G	G	G	T	K	L	E	I
	AGT	AGT	TAT	CCA	CGG	ACG	TTC	GGT	GGA	GGC	ACC	AAG	CTG	GAA	ATC
316	K	R													
	AAA	AGG													

FIGURE 7

CDR Loops of antibody 224F3:

Light chain

L1 (SEQ ID NO:3): Ser₂₄ Ala₂₅ Ser₂₆ Ser₂₇ Ser₂₈ Val₂₉ Ser₃₀ Tyr₃₁
Met₃₂ Leu₃₃

L2 (SEQ ID NO:4): Thr₄₉ Thr₅₀ Ser₅₁ Asn₅₂ Leu₅₃ Ala₅₄ Ser₅₅

L3 (SEQ ID NO:5): His₈₈ Gln₈₉ Trp₉₀ Ser₉₁ Ser₉₂ Tyr₉₃ Pro₉₄ Arg₉₅
Thr₉₆

Heavy chain

H1 (SEQ ID NO:6): Gly₁₃₄ Tyr₁₃₅ Thr₁₃₆ Phe₁₃₇ Thr₁₃₈ Ser₁₃₉ Gln₁₄₀ Asp₁₄₁
Ile₁₄₂ Asn₁₄₃

H2 (SEQ ID NO:7): Trp₁₅₈ Ile₁₅₉ Phe₁₆₀ Pro₁₆₁ Gly₁₆₂ Asp₁₆₃ Gly₁₆₄ Ser₁₆₅
Thr₁₆₆ Lys₁₆₇

H3 (SEQ ID NO:8): Ser₂₀₇ Ala₂₀₈ Tyr₂₀₉ Tyr₂₁₀ Arg₂₁₁ Tyr₂₁₂ Asp₂₁₃ Gly₂₁₄
Ser₂₁₅ Tyr₂₁₆ Tyr₂₁₇ Tyr₂₁₈ Ala₂₁₉ Met₂₂₀ Asp₂₂₁ Tyr₂₂₂

FIGURE 8

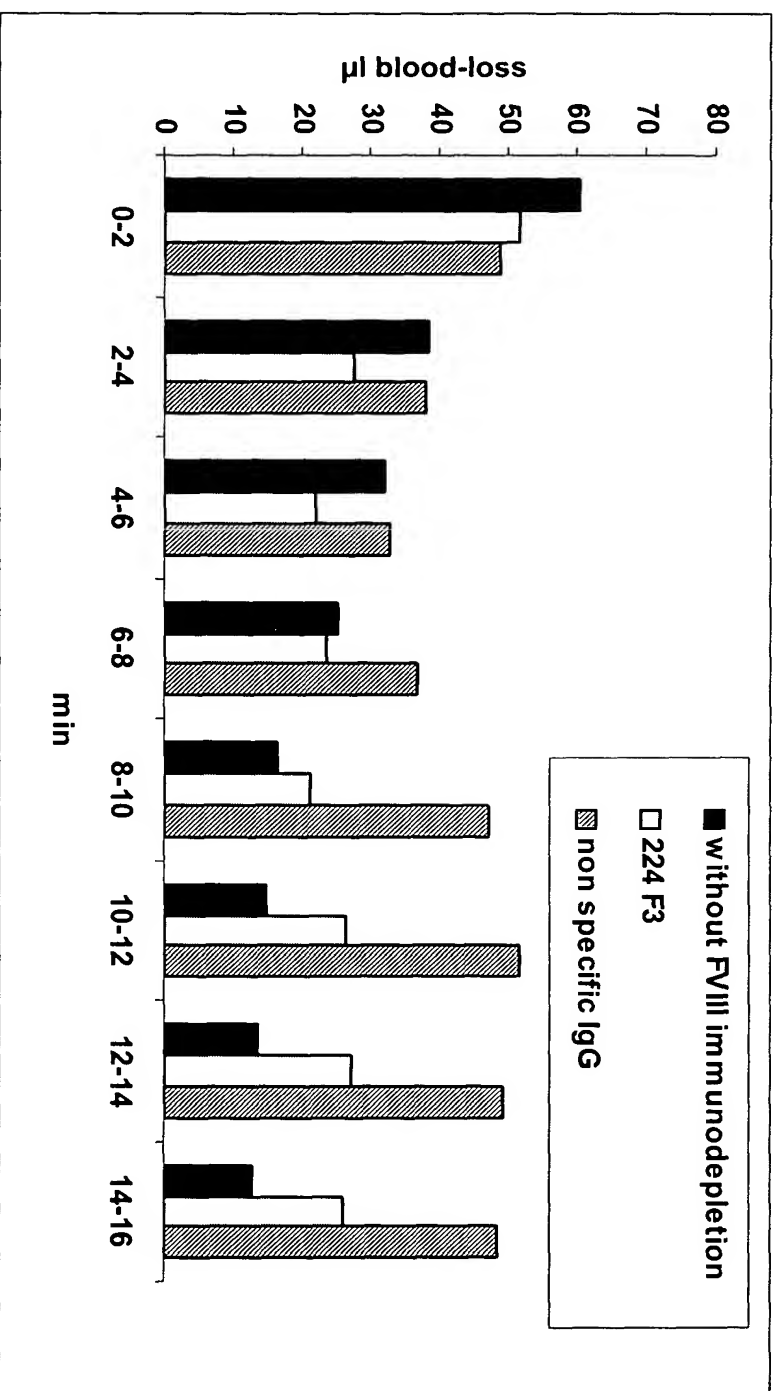


Figure 9:

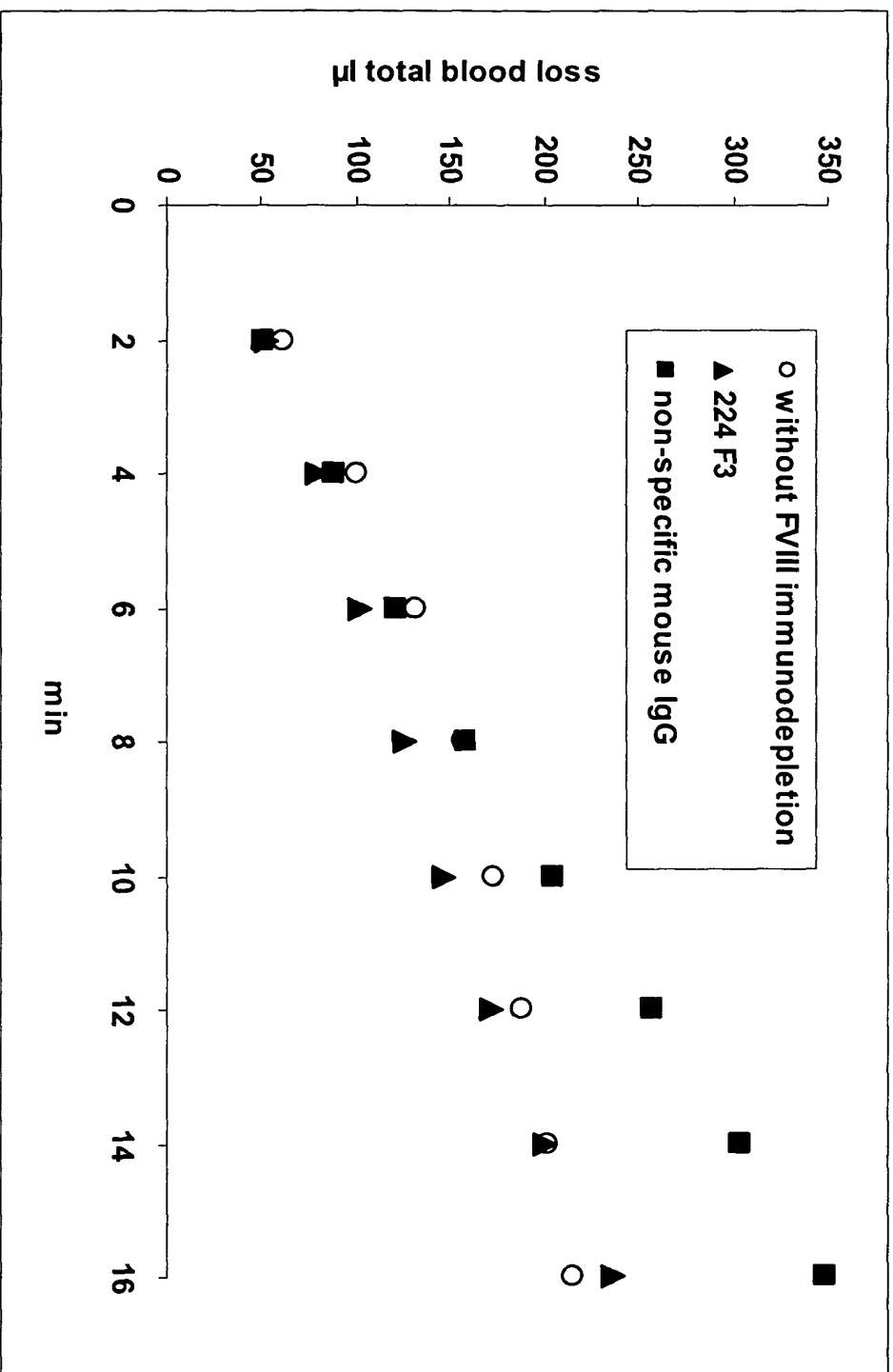


Figure 10: